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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/725,572	12/03/2003	1538.1043	5135	
21171 STAAS & HA	7590 07/02/2007 LSEY LLP		EXAM	INER
SUITE 700			GEE, JASO	N KAI YIN
WASHINGTO	ORK AVENUE, N.W. N, DC 20005		ART UNIT	PAPER NUMBER
			2134	
•				•
	•		MAIL DATE	DELIVERY MODE
			07/02/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)	
	10/725,572	MAKITA ET AL.	
Office Action Summary	Examiner	Art Unit	
	Jason K. Gee	2134	
The MAILING DATE of this communication app	pears on the cover sheet	with the correspondence addres	s
Period for Reply	V IO OET TO EVOIDE 4	MONTHON OF THIRTY (20) D	AVE
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUN 36(a). In no event, however, may will apply and will expire SIX (6) Mo e, cause the application to become	IICATION. a reply be timely filed ONTHS from the mailing date of this commur ABANDONED (35 U.S.C. § 133).	
Status			
1)⊠ Responsive to communication(s) filed on <u>03 L</u>	December 2003.		
2a) This action is FINAL . 2b) This	s action is non-final.		
3) Since this application is in condition for allowa			rits is
closed in accordance with the practice under t	Ex parte Quayle, 1935 C	.D. 11, 453 O.G. 213.	
Disposition of Claims			
4)⊠ Claim(s) <u>1-54</u> is/are pending in the application	l .		
4a) Of the above claim(s) is/are withdra	wn from consideration.		
5) Claim(s) is/are allowed.			
6) Claim(s) is/are rejected.			
7) Claim(s) is/are objected to.			
8) Claim(s) 1-54 are subject to restriction and/or	election requirement.		
Application Papers			
9) The specification is objected to by the Examine	er.		Ì
10) The drawing(s) filed on is/are: a) acc	cepted or b) objected t	o by the Examiner.	
Applicant may not request that any objection to the	•, ,		
Replacement drawing sheet(s) including the correct			
11)☐ The oath or declaration is objected to by the E	xaminer. Note the attach	ed Office Action or form P1O-1	52.
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:	n priority under 35 U.S.C	. § 119(a)-(d) or (f).	
1. Certified copies of the priority document			
2. Certified copies of the priority documen		• •	
3. Copies of the certified copies of the price	_	n received in this National Stag	je
application from the International Burea * See the attached detailed Office action for a list	•	ot received	
Gee the attached detailed Office action for a list	to the continue copies in	\ 1 ———	
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		•	THE TOTAL
Attachment(s)	<u>"</u> П	KAMPI	THE VANIL
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper N		Mich.
3) Information Disclosure Statement(s) (PTO/SB/08)	5) ☐ Notice o 6) ☐ Other: _	of Informal Patent Application	
Paper No(s)/Mail Date		— yet the	

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DETAILED ACTION

- 1. This action is responsive to communications: original application filed 12/03/2003
- 2. Claims 1-54 are currently pending in this application. Claims 1, 7, 10, 12, 13, 17, 19, 25, 28, 30, 31, 35, 37, 43, 46, 48, 49, and 53 are independent claims.

Election/Restrictions

- 3. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-6, 19-24, 37-42, 7-9, 25-27, and 43-45 are directed toward authentication by digital signature representation, classified in class 713, subclass 176.
 - II. Claims 10-11, 28-29, 46-47, 12, 30, and 48 are drawn toward generating a specific digital signature type, classified in class 713, subclass 180.
 - III. Claims 13-16, 31-34, 49-52, 17-18, 35-36, and 53-54 are drawn toward particular communication authentication technique, wherein message digest travels with message, classified in class 713, subclass 181.
- 4. The inventions are distinct, each from the other because of the following reasons:

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Inventions I through III are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention (I) has separate utility such as performing format conversion processing to data, (II) has a separate utility such as generating a digital signature, and (III) has a separate utility such as calculating and restoring hash values.

- 5. Because these inventions are distinct from the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
- 6. Because these inventions are distinct for the reasons given above, the search required for Group I is not required for Groups II and III; the search for Group II is not required for Groups I and III; and the search for Group III is not required for Groups I and II.
- 7. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
- 8. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the –fee required under 37 CFR 1.17(i).

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Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason K. Gee whose telephone number is (571) 272-6431. The examiner can normally be reached on M-F, 7:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on (571) 272-3811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jason Gee Patent Examiner **Technology Center 2100** 06/18/2007.

Index of Claims



Application/Control No.	Applicant(s)/Patent Under Reexamination
10725572	MAKITA ET AL.
Examiner	Art Unit
Gee, Jason K	2134

✓	Rejected
11	Allowed

•	Cancelled
÷	Restricted

2	Non-Elected
ı	Interference

Α	Appeal
0	Objected

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CLAIM		DATE ,								
Final	Original	06/18/2007								
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